

**DECLARATION - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **HIGH EFFICIENCY, MONOLITHIC MULTIJUNCTION SOLAR CELLS CONTAINING LATTICE-MISMATCHED MATERIALS AND METHODS OF FORMING SAME**; the specification of which was filed on **December 4, 2003** as Application Serial No. **10/728,103**.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim the benefit under Title 35, United States Codes § 119(e) of any United States provisional application(s) listed below.

Application No.: 60/431,334

Filing Date: December 5, 2002

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: **Peter A. Iles**

Inventor's signature Peter A Iles

Date 4/15/04

Residence: **1000 Park Avenue, Arcadia, CA 91107**

Citizenship: **United States**

Post Office Address: **Same as above**

Full name of second inventor: **Frank F. Ho**

Inventor's signature Frank F. Ho



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Date

4/15/2004

Residence: 5644 Calle Vista Alegre, Yorba Linda, CA 92887

Citizenship: United States

Post Office Address: Same as above

Full name of third inventor: Yea-Chuan M. Yeh

Inventor's signature

*Yeh-Chuan M. Yeh*

Date

4/15/2004

Residence: 1454 Princeton Street, Santa Monica, CA 90404

Citizenship: United States

Post Office Address: Same as above

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Send Correspondence To:

KNOBBE, MARTENS, OLSON & BEAR, LLP

Customer No. 20,995

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040804



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Iles, et al. )  
)  
App. No. : 10/728,103 )  
)  
Filed : December 4, 2003 )  
)  
For : HIGH EFFICIENCY, MONOLITHIC )  
MULTIJUNCTION SOLAR CELLS )  
CONTAINING LATTICE- )  
MISMATCHED MATERIALS AND )  
METHODS OF FORMING SAME )  
)  
Examiner : Unknown )  
)

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**ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION**  
**AND**  
**REVOCATION AND POWER OF ATTORNEY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventors to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventors to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040

**App. No.** : 10/728,103  
**Filed** : December 4, 2003

Main Street, Fourteenth Floor, Irvine, California 92614, Telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventors and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

Dated: \_\_\_\_\_

4/19/2004

Blue Photonics, Inc.

By: \_\_\_\_\_

Frank H. Ho

Title: President

Address: 679 Brea Canyon Road  
Walnut, CA 91789-3078

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COPY

ASSIGNMENT

WHEREAS, We, Peter A. Iles, a United States citizen, residing at 1000 Park Avenue, Arcadia, CA 91007; Frank F. Ho, a United States citizen, residing at 5644 Calle Vista Alegre, Yorba Linda, CA 92887; and Yea-Chuan M. Yeh, a United States citizen, residing at 1454 Princeton Street, Santa Monica, CA 90404, have invented certain new and useful improvements in a HIGH EFFICIENCY, MONOLITHIC MULTIJUNCTION SOLAR CELLS CONTAINING LATTICE-MISMATCHED MATERIALS AND METHODS OF FORMING SAME for which we have filed an application for Letters Patent in the United States, Application No. 10/728,103, filed on December 4, 2003;

AND WHEREAS, Blue Photonics, Inc. (hereinafter "ASSIGNEE"), a California Corporation, with its principal place of business at 679 Brea Canyon Road, Walnut, CA 91789-3078, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 15 day of April, 2004.

Peter A. Iles  
Peter A. Iles

STATE OF CALIFORNIA  
COUNTY OF LOS ANGELES ss.

On 4-15-2004 before me, GIRDHARI G. LALWANI, personally appeared Peter A. Iles personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Girdhari G. Lalwani  
Notary Signature

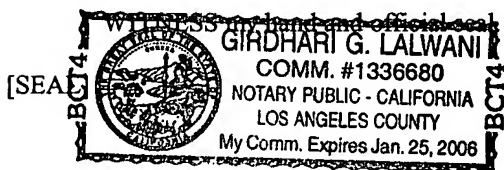
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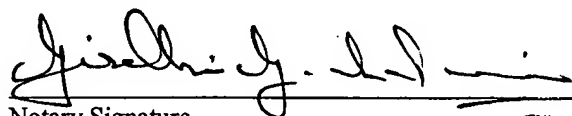
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 15 day of April, 2004.

  
Frank F. Ho

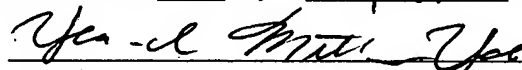
STATE OF CALIFORNIA }  
COUNTY OF LOS ANGELES } SS.

On 04-15-2004, before me, GIRDHARI G. LALWANI, personally appeared Frank F. Ho personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



  
Notary Signature

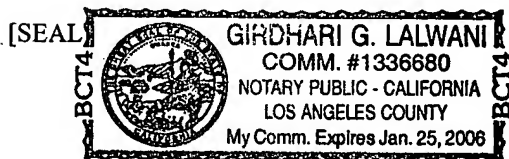
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 15 day of April, 2004.

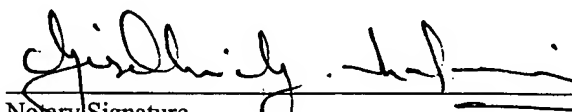
  
Yea-Chuan M. Yeh

STATE OF CALIFORNIA }  
COUNTY OF LOS ANGELES } SS.

On 04-15-2004, before me, GIRDHARI G. LALWANI, personally appeared Yea-Chuan M. Yeh personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



  
Notary Signature